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## PATENT

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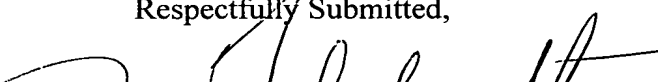
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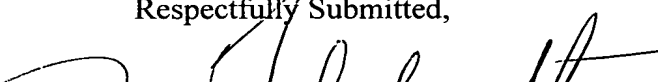
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Respectfully Submitted,



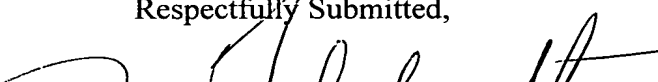
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Associate Attorney at Law

Respectfully Submitted,



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FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT  
(Use several sheets if necessary)  
(Page 1 of 3)

ATTY. DOCKET NO.: SU-7222-B

SERIAL NO.: —

APPLICANT: JONATHAN N. HOWARTH

FILING DATE: HEREWITH

GROUP:

jd679 U.S. PTO  
10/029329  
12/21/01

REFERENCE DESIGNATION

U. S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER |   |   |   |   |   |   | DATE  | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|-----------------|---|---|---|---|---|---|-------|-----------------|-------|----------|-------------------------------|
|                     | AB | 4               | 6 | 5 | 9 | 3 | 5 | 9 | 4/87  | Lorenz et al.   | 71    | 67       |                               |
|                     | AC | 4               | 6 | 8 | 1 | 9 | 4 | 8 | 7/87  | Worley          | 548   | 319      |                               |
|                     | AD | 4               | 7 | 6 | 7 | 5 | 4 | 2 | 8/88  | Worley          | 210   | 755      |                               |
|                     | AE | 5               | 0 | 5 | 7 | 6 | 1 | 2 | 10/91 | Worley et al.   | 548   | 301      |                               |
|                     | AF | 5               | 2 | 0 | 8 | 0 | 5 | 7 | 5/93  | Greenley et al. | 426   | 332      |                               |
|                     | AG | 5               | 2 | 8 | 6 | 4 | 7 | 9 | 2/94  | Garlich et al.  | 424   | 54       |                               |
|                     | AH | 5               | 3 | 2 | 0 | 8 | 2 | 9 | 6/94  | Garlich et al.  | 424   | 54       |                               |
|                     | AI | 5               | 4 | 0 | 7 | 5 | 9 | 8 | 4/95  | Olson et al.    | 252   | 186.35   |                               |
|                     | AJ | 5               | 4 | 9 | 0 | 9 | 8 | 3 | 2/96  | Worley et al.   | 424   | 405      |                               |
|                     | AK | 5               | 5 | 6 | 5 | 1 | 0 | 9 | 10/96 | Sweeny          | 210   | 755      |                               |
|                     | AL | 5               | 6 | 0 | 3 | 9 | 4 | 1 | 2/97  | Farina et al.   | 424   | 405      |                               |
|                     | AM | 5               | 6 | 2 | 2 | 7 | 0 | 8 | 4/97  | Richter et al.  | 424   | 405      |                               |
|                     | AN | 5               | 6 | 7 | 0 | 6 | 4 | 6 | 9/97  | Worley et al.   | 548   | 301.1    |                               |
|                     | AO | 5               | 8 | 0 | 8 | 0 | 8 | 9 | 9/98  | Worley et al.   | 548   | 318.5    |                               |
|                     | AP | 5               | 8 | 8 | 9 | 1 | 3 | 0 | 3/99  | Worley et al.   | 526   | 261      |                               |
|                     | AQ | 5               | 9 | 0 | 2 | 8 | 1 | 8 | 5/99  | Worley et al.   | 514   | 376      |                               |

FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER |   |   |   |   |   |   | DATE  | COUNTRY        | CLASS | SUBCLASS | TRANSLATION<br>YES NO |  |
|--|----|-----------------|---|---|---|---|---|---|-------|----------------|-------|----------|-----------------------|--|
|  | AR | 0               | 1 | 7 | 7 | 6 | 4 | 5 | 4/86  | EPO            |       |          |                       |  |
|  | AS | 0               | 5 | 5 | 0 | 1 | 3 | 7 | 7/93  | EPO            |       |          |                       |  |
|  | AT | 0               | 5 | 8 | 4 | 9 | 5 | 5 | 3/94  | EPO            |       |          |                       |  |
|  | AU | 1               | 6 | 0 | 0 | 2 | 8 | 9 | 10/81 | United Kingdom |       |          |                       |  |
|  | AV | 2               | 2 | 6 | 7 | 4 | 8 | 7 | 12/93 | United Kingdom |       |          |                       |  |

OTHER ENCLOSED DOCUMENTS

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|  | AW |  |  |
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EXAMINER

DATE CONSIDERED

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| FORM PTO-1449 (Modified)<br>LIST OF PATENTS AND PUBLICATIONS FOR<br>APPLICANT'S INFORMATION DISCLOSURE<br>STATEMENT<br>(Use several sheets if necessary)<br>(Page 2 of 3) |  |  |  |  |  |  |  |  |  | ATTY. DOCKET NO.: SU-7222-B    |  |  |  | SERIAL NO.: --- |  |        |  |
|                                                                                                                                                                           |  |  |  |  |  |  |  |  |  | APPLICANT: JONATHAN N. HOWARTH |  |  |  |                 |  |        |  |
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| REFERENCE DESIGNATION |    |                 |   |   |   |   |   |   |       | U. S. PATENT DOCUMENTS |      |        |          |                               |  |  |  |  |  |
|-----------------------|----|-----------------|---|---|---|---|---|---|-------|------------------------|------|--------|----------|-------------------------------|--|--|--|--|--|
| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER |   |   |   |   |   |   |       | DATE                   | NAME | CLASS  | SUBCLASS | FILING DATE<br>IF APPROPRIATE |  |  |  |  |  |
|                       | BB | 5               | 9 | 7 | 2 | 8 | 6 | 4 | 10/99 | Counts                 | 510  | 192    |          |                               |  |  |  |  |  |
|                       | BC | 6               | 0 | 0 | 7 | 7 | 3 | 5 | 12/99 | Creed                  | 252  | 186.25 |          |                               |  |  |  |  |  |
|                       | BD | 6               | 0 | 6 | 8 | 8 | 6 | 1 | 5/00  | Moore, Jr. et al.      | 424  | 703    |          |                               |  |  |  |  |  |
|                       | BE | 6               | 0 | 8 | 3 | 5 | 0 | 0 | 7/00  | Wooley et al.          | 424  | 93.48  |          |                               |  |  |  |  |  |

| FOREIGN PATENT DOCUMENTS |    |                 |   |   |   |   |   |   |       |      |         |       |          |                       |  |
|--------------------------|----|-----------------|---|---|---|---|---|---|-------|------|---------|-------|----------|-----------------------|--|
|                          |    | DOCUMENT NUMBER |   |   |   |   |   |   |       | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |  |
|                          | BF | 8               | 9 | 1 | 0 | 6 | 9 | 6 | 11/89 | WIPO |         |       |          |                       |  |
|                          | BG | 9               | 7 | 2 | 0 | 5 | 4 | 6 | 6/97  | WIPO |         |       |          |                       |  |
|                          | BH | 9               | 7 | 2 | 0 | 9 | 0 | 9 | 6/97  | WIPO |         |       |          |                       |  |
|                          | BI | 9               | 7 | 4 | 3 | 3 | 9 | 2 | 11/97 | WIPO |         |       |          |                       |  |
|                          | BJ | 9               | 8 | 0 | 4 | 1 | 4 | 3 | 2/98  | WIPO |         |       |          |                       |  |

| OTHER ENCLOSED DOCUMENTS |    |                                                                                                                                                                                                                                                                          |
|--------------------------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          | BK | Frosti Abstract of Bocharov D.A., "Disinfection of Poultry Processing Plant Objects", Proceedings of the 22 <sup>nd</sup> European meeting of Meat Research Workers, Malmo, August- September, 1 (C6), 4 pp., 1976. Accession No. 78674 Frosti                           |
|                          | BL | CAPLUS Abstract of Heir, et al., "The Staphylococcus qacH gene product: a new member of the SMR family encoding multidrug resistance", FEMS Microbiol. Lett. (1998), 163(1), ppg 49-56. Accession No. 1998:343309 CAPLUS                                                 |
|                          | BM | Frosti Abstract of Lemaitre et al., "Plasmid-mediated resistance to antimicrobial agents among listeriae", Journal of Food Protection, 1998, November, 61 (11), ppg 1459-1464. Accession No. 483547 Frosti                                                               |
|                          | BN | Frosti Abstract of Marriot, N.G., "Meat and poultry sanitation", Essentials of Food Sanitation, published by Chapman & Hall, London, 1997, 188-210. Accession No. 441637 Frosti                                                                                          |
|                          | BO | Frosti Abstract of Mullerat et al., "Efficacy of Salmide, a sodium chlorite-based oxy-halogen disinfectant, to inactivate bacterial pathogens and extend shelf-life of broiler carcasses", Journal of Food Protection, 1994, 57(7), 596-603. Accession No. 353342 Frosti |
|                          | BP | CAPLUS Abstract of Sanderson et al., "Case Reports: epidemic eye and upper respiratory irritation in poultry processing plants", Appl. Occup. Environ. Hyg, 1995, 10(1), 43-9. Accession No. 1995:439186 CAPLUS                                                          |
|                          | BQ | Frosti Abstract of Sheldon, B.W., "New and novel chemical and biological approaches for inhibiting pathogens and spoilage microorganisms associated with muscle food systems", Turkeys, 1996, 44(2), 9-12. Accession No. 410383 Frosti                                   |
|                          | BR | Frosti Abstract of Smith, G., "Poultry industry looks to chlorine dioxide for pathogen control", Meat Processing, 1996, 35(10), 47. Accession No. 429057 Frosti                                                                                                          |
|                          | BS | Frosti Abstract of Sundheim, G., et al., "Resistance of meat associated staphylococci to a quaternary ammonium compound", Food Microbiology, 1992, 9(2), 161-7. Accession No. 291734 Frosti                                                                              |
|                          | BT | Frosti Abstract of "Foodborne Pathogen Control", Poultry International, 1994, (July), 62, author unknown. Accession No. 359896 Frosti                                                                                                                                    |

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|                                                                                                                                                                           |  |  |  |  |  |  |  |  |  | APPLICANT: JONATHAN N. HOWARTH |  |  |               |  |  |
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| EXAMINER<br>INITIAL   |    | DOCUMENT NUMBER |   |   |   |   |   |   | DATE  | NAME                   | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|                       | CB | 6               | 1 | 7 | 2 | 0 | 4 | 0 | 1/01  | Naidu                  | 514   | 6        |                               |
|                       | CC | 6               | 2 | 9 | 9 | 9 | 0 | 9 | 10/01 | Moore, Jr. et al.      | 424   | 703      |                               |
|                       | CD | 6               | 3 | 0 | 6 | 4 | 4 | 1 | 10/01 | Moore, Jr. et al.      | 424   | 703      |                               |
|                       | CE | 6               | 3 | 2 | 2 | 8 | 2 | 2 | 11/01 | Moore, Jr. et al.      | 424   | 703      |                               |

| FOREIGN PATENT DOCUMENTS |    |                 |  |  |  |  |  |  |      |         |       |          |                       |  |  |
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|                          | CF |                 |  |  |  |  |  |  |      |         |       |          |                       |  |  |
|                          | CG |                 |  |  |  |  |  |  |      |         |       |          |                       |  |  |
|                          | CH |                 |  |  |  |  |  |  |      |         |       |          |                       |  |  |
|                          | CI |                 |  |  |  |  |  |  |      |         |       |          |                       |  |  |

| OTHER ENCLOSED DOCUMENTS |    |                                                                                                                                                                               |
|--------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          | CJ | Carpentier et al., "Biofilms and their consequences, with particular reference to hygiene in the food industry", Journal of Applied Bacteriology, 1993, Vol. 75, ppg 499-511. |
|                          | CK | Mora et al., "Properties of a New Chloramine Disinfectant and Detoxicant", Poultry Science, 1982, vol 61, ppg 1968-1971.                                                      |
|                          | CL | Mantilla-Sandholm et al., "Biofilm Formation in the Industry: A Review", Food Reviews International, 8(4), 1992, ppg 573-603.                                                 |
|                          | CM | Smith et al., "Potential Uses of Combined Halogen Disinfectants in Poultry Processing", Poultry Science, 1990, vol. 69, ppg 1590-1594.                                        |
|                          | CN | Williams, et al., "Research Note: Combined Halogen Disinfectants in Poultry Processing", Poultry Science, 1990, vol 69, ppg 2248-2251.                                        |
|                          | CO | Worley, et al., "The Stabilities of New N-halamine Water Disinfectants", Wat. Res. Vol. 21(8), ppg 983-988, 1987.                                                             |
|                          | CP |                                                                                                                                                                               |
|                          | CQ |                                                                                                                                                                               |
|                          | CR |                                                                                                                                                                               |

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